M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

159559

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work....Loaded on 8/07/2018...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work; — Construction of RCC culverts & Remodelling of U. Shape drain per Secondary SWD S. Ramesh Road to under School in Dasarahalli ward 15 :						
	Job Code no :- 015-18-00001						
	Name of Contractor ; - Smt. K. Jayamma.						
	Agreement no : EE/SWD/DH2/AGMT/06/2017-18. dt. 04-01-2018						
	work order no : EE/SWD/DH2/WO/5/2017-18 dt. 04-01-2018						
	Approval Accorded = commissioner BBMP.						
	Adm Approval : no. CE(SWD)/Adm/02/2016-17/ dt. 23-8-2016						
	Tech Sanction no : no CE(SWD) Tech. Sanction/04/2016-17. 23-8-2016						

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MEASUREMENT BOOK

Date / Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1 / 2	Number 3	Length 4	Breadth 5	Depth 6	7	8
						ABSTRACT
Sl No — Item No —			cum	Qty	As per Schedule B, Rate	Amt
1 KSRRB M-200 12.3 Epistry Stretch like culvert, bridge retaing wall & other Stretch	Disnatty of		cum	368.00	250.56	92208.68
2 Excavation & removal of S/W mixed with said human excreta garbage in sleecy condition from storm wtr			cum	923.00	607.61	256934.63
3 Diversion of water course by proper coffer dam or bunds existing or			cum	96.60	366.68	33689.29
4 Excavation in work sail upto 3m depth for foundation			cum	172.22	113.60	19529.75
5 KSRB M-2100.2.1 for foundation of Stretch	Earthwork Excavation such as culverts		cum	601.86	57.84	20832.42

As per T Rate: 250.0; 600.00; 320.0; 110.0; 50.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

159560

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Total Date work	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
	2		3	4	5	6	7	8
92000.0	6.75	6.75	250.0	1687.5				6.75 1687.50
253800.0	422.12	422.12	600.0	253272.63				422.12 253272.63
29912.00	93.60	93.60	320.0	29952.0				93.60 29952.0
18944.20	425.75	215.28	110.0	23680.80	210.68	140.30	29530.17	425.75 53210.7
		210.40	140.30	29528.94				
24093.00	502.33	502.33	50.0	25116.5				502.33 25116.5

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

159560

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Tender Date of work	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
	2		3	4	5	6	7	8
92000.0	6.75	6.75	250.0	1687.5				6.75 1687.50
253800.00	422.12	422.12	600.00	253272.63				422.12 253272.63
30912.00	93.60	93.60	320.0	29952.0				93.60 29952.0
18944.20	425.75	215.28	110.0	23680.80	210.68	160.30	29530.17	425.75 53210.24
		210.68	160.30	29530.17				
				29528.94				
24093.00	502.33	502.33	50.0	25116.5				502.33 25116.5

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
							ABSTRACT
	Items			cum	Qty	Rate	Amt as Qty
6	KSSRB M-2100 5.1 Earth work Excavation for foundation of Structure as per			cum	325.07	428.76	139377.01 400.0
7	KSSRB M-2100-1.1 Earth work in Excn for foundation of Structure as per drawing and			cum	773.71	125.28	96930.39 100.0
8	providing & filling in foundation with Granite trap broken metal 100mm & down size			cum	119.01	2133.78	253961.16 2000.0
9	KSRB 2.6 providing & filling in foundation with granite Trap broken metal 100mm & down size for			cum	220.80	1418.28	313156.22 1200.0
10	KSRDB M-2100-10 plain cement concrete M-10 with OPC cement @220 kgs with crushed coarse aggregate 40mm & down size graded			cum	161.33	5805.00	936520.65 5800.0

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

159561

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
130028.00	0.00	0.00	400.00	0.	–	–	–	0.00 0.00
77371.00	0.00	0.00	100.00	0.	–	–	124626.75	0.00 0.00
238020.0	208.30	148.76 59.54	2000.0	297520 127641.92	59.54 2093.16	2093.16 127641.92	266419.2	208.31 422161.92
264960.00	3.38	3.38	1200.0	4053.0 124626.75	–	–	–	3.38 4050.00
935714.0	100.33	100.33	5800.0	581914.00 581889.16	–	–	–	100.33 581914.0

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
							ABSTRACT
				cum	Qty	Rate	Amt / Qty
11	KSRDB M-2100-17.2 plain/Reinforced cement concrete design mix M-25 with OPC cement @ 360 kgs			cum	351.54	6237.00	21925549.8
12	KSRDB M-2200 5.12 Design mix M-25 sub-Structure with OPC cement @ 360 kgs with 20 mm down size			cum	165.53	7002.72	1019405.84
13	KSRDB M-2300-8.1 Furnishing, Placing Reinforced Prestress cement concrete in Super structure			cum	1.05	7167.96	7526.36
14	Supplying & Fitting & placing TMT bar reinforcement in Sub-Structure complete			MT	44.74	53569.64	2395810.59
15	Supply & Fitting & place TMT bar reinforcement in Super Structure complete as per			MT	0.12	56625.52	6531.06

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. .....

159562

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Total Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
	2		3	4	5	6	7	8
2038932.0	142.25	142.25	5800.0	825050.00 / 825077.55	–	–	–	142.25 825050.00
989104.0	156.55	156.54	6800.0	1064472.00 / 1064482.2	–	–	–	156.54 1064472.0
7350.0	10.09	1.31	7000.0	9170.0	8.78	7662.72	67278.68	10.09 76448.69
2147520.00	24.71	22.3 / 24.71	48000.0	1070400=00 / 1186060.0	–	–	–	24.71 1186080.0
6000.0	1.17	0.15	50,000.0	7500.0	1.02	63808.84	65085.02 / 65117.56	1.17 72585.02

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							ABSTRACT
Sl	Item			Unit	Qty	Rate	Amt Qty
16	PVC pipe 2.50 kg/sqm 110 mm outer dia as directed by the Engineer in charge			Rmt	139.80	177.40	24794.60 160.0
17	KSSRB M-2200.9 providing & laying of filter media, viz, gravel natural			cum	207.90	1297.08	269662.93 1200.
18	filling available excavated earth excluding rock in sides of trenches up to plinth			cum	207.90	127.20	26444.58 120.0
19	KSRRB M-100-1 collecting conveying and disposal of surplus Excavated Earth			cum	1612.17	103.85	167423.85 100.0
20	KSRB 4.1.5 providing and laying in position plain cement concrete of mix M-20 with ope cement @ 300 kg/			cum	12.15	5991.84	72810.86 5500

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

159563

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
22368.0	79.10	79.50	160.0	12720.0	-	-	-	79.50 12720.00
24948.00	272.16	259.88	1200.0	311856.0	12.28	1283.23	15758.06	272.16 327616.06
24948.00	0.00	0.00	120.0	0.	-	-	-	0 0
161217.00	1624.79	1563.17 1608.76	100.0	156317.00 160826.38	-	-	-	1608.76 160826.38
66825.00	0.00	0.00	5520.0	-	-	-	-	0.00 - 0.0

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							ABSTRACT
Sl	Item			Unit	Qty	Rate	Amt
21	Supply & fixing MS Electrofusion poly made out of 2 equal cycles of 65 x 65 mm welded together			Rmt	300.0	991.44	297432
22	Providing & fixing MS Blackpipe of 38 mm dia of heavy gauge of 6			Rmt	1500.0	338.04	507060.0
23	Providing chain link fencing 50 mm size of 8 gauge properly Stretched			Sqm	750.00	697.68	523260.00
24	Providing & fixing 50 mm and 750 mm long perforated GI pipe		50 mm diameter	Nos	15.00	407.00	6105.00
25	WRD providing & fixing 20 mm Thick 150 mm depth Tarfelt approach Pucca pillar board.			Rmt	237.0	123.00	29151.00

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Instructions

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. .....

159564

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Test Date Act 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
270000.0	166.60	166.60	166.60	149760.0	—	—	—	166.60 149760.0
450000.0	693.20	693.20	300.0	207960.0	—	—	—	693.20 207960.0
375000.0	438.34	438.34	500.0	219170.0	—	—	—	438.34 219170.0
6000.0	0.00	0.0	400.0	0	—	—	—	0 — 0
23700.0	56.80	56.80	100.0	5680.0	—	—	—	56.80 5680.0

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
							ABSTR
SL	EIRL Items			cent	Qty	Rate	Amt
E-1	cutting of Sand Surface for pipeline trenches & disposal the Excess Stuff			100m	-	-	-
E-2	KSRRB M-200 12.3 Disposal of Existing structure like culverts			100m	-	-	-
E-3	KSRRB 2.5 Earth work Excavation in all soil deposits & filling			100m	-	-	-
E-4	KSRB 4-1.5 providing and laying in position pre-cast concrete cover M-20			100m	-	-	-
E-5	Supplying and fixing precast RCC Hand concrete slab 30cm thick			100m	-	-	-

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

159565

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Tender Date Advt 1	Full description, etc, of work Modified Est 2	Qty 3	Dimensions Number 4	Length 5	Breadth 6	Depth 7	Contents	Reference to last Measurement Qty 8	Advt
–	32.60	32.60	336.65	10907.46	–	–	–	32.60	10907.46
–	8.64	–	1011.93	8763.05	–	–	–	8.64	8763.08
–	226.80	226.80	251.50	57060.20	–	–	–	226.80	57060.20
–	25.92	25.92	6869.62	178091.4 (178060.55)	–	–	–	25.92	178060.5
–	111.24	111.24	5631.12	604157.79	–	–	–	111.24	604157.79

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
							ABSTRACT
					Qty	Rate	Amt
E-6	Supply & fixing precast reinforced concrete slab to cantilever in cov & lintel	cum			—	—	—
E7	KSRDB-12-3.1 providing & laying in position plain cem concrete of mix M-7.5 using 40mm aggregate	cum			—	—	—
E-8	KSRDB 12.5.1 construction of Brick Masonry circular type man hole of 91 cm internal	cum			—	—	—
E9	KSRDB 12-8.3. Construction of Brick masonry inspection chamber 600 x 850 mm and 450 m depth				—	—	—

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. .....

159566

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Tender/Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
all	Modified ES		up to	12	54	above	12	PC
—	52.53	52.53	1854.69	97426.88	—	—	—	52.53 97426.8
—	84.60	84.60	739.64	62425.61	—	—	—	84.60 62425.
—	2.00	2.00	20916.78	41833.56	—	—	—	2.00 41833.5
—	3.00	3.00	8730.10	26190.3	—	—	—	3.00 26190.3

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							ABSTRA
					Qty	Rate	Amt
E-10	KSRB 12-8-31 Extra over item no KSRB-12-8-3. depth beyond 150 mm & upto 300 mm	each	—	—	—	—	—
E-11	KSRB-13-9.1 providing & fixing to wall ceiling & floor hypodermic	Mtr	—	—	—	—	—
E-12	providing & fixing chemical Resistant Polyvinyl chloride (PVC) pipe confirming to IS 15778.	Mtr	—	—	—	—	—
E-13	KSRB 13-6.5.1 providing & fixing in position 15mm nominal bore brass ferrule with GI mesh	Nos	—	—	—	—	—

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M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

159567

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Qty	Dimensions Number	Length	Breadth 5	Depth 6	Contents	Reference to last Measurement
—	12.00.	12.0	958.46 12.0	11501.52 958.46	11501.52	—	—	12.0 11501.52
—	50.00.	50.00	3664	17228.50	—	—	—	50.00 17228.50
—	84.00	84.00	168.32	16138.88	—	—	—	84.0 16138.88
—	7.00	7.00	594.19	4158.63	—	—	—	7.00 4158.63

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							ABSTRACT
Sl	Items.			unit.	Qty	Rate	Amt
E-16	providing & laying cement concrete using 20mm & down size graded coarse aggregate & fine aggregate			cum			
E-15	KSRB-300 Excavation for mud drain & similar works KSRB 300 Early was Excavation by manual means in any soil.			cum			
							9708531166

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...ing unpaid value of work done ... Cash Book Voucher No..... Deductions

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

Serial No. .....

159568

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2		Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				1400722.11				
–	22.68	22.68	6181.67	1400659.92	–	–	–	2266 1400659.93
				5801.50				
–	51.85	51.85	111.59	5801.36	–	–	–	51.85 5801.35
								6839218=00
							3023264	6959411.23
8900786.70				6571613.5			GST 12%	820680=00
							Total Amnt	7659680=00

P.T.O.

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate						
1)	certified that no contractor has done any work Sole supply.						
2)	certified that no recovery quality control Test has been conducted for Utilized Steel & cement (RMC) used for the work and results obtained are passed						
3)	certified that nil amount has not been claimed previously						

Balasaheb AE

8/7/19

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being unpaid value of work ... Office Cash Book Voucher No.....

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

159563

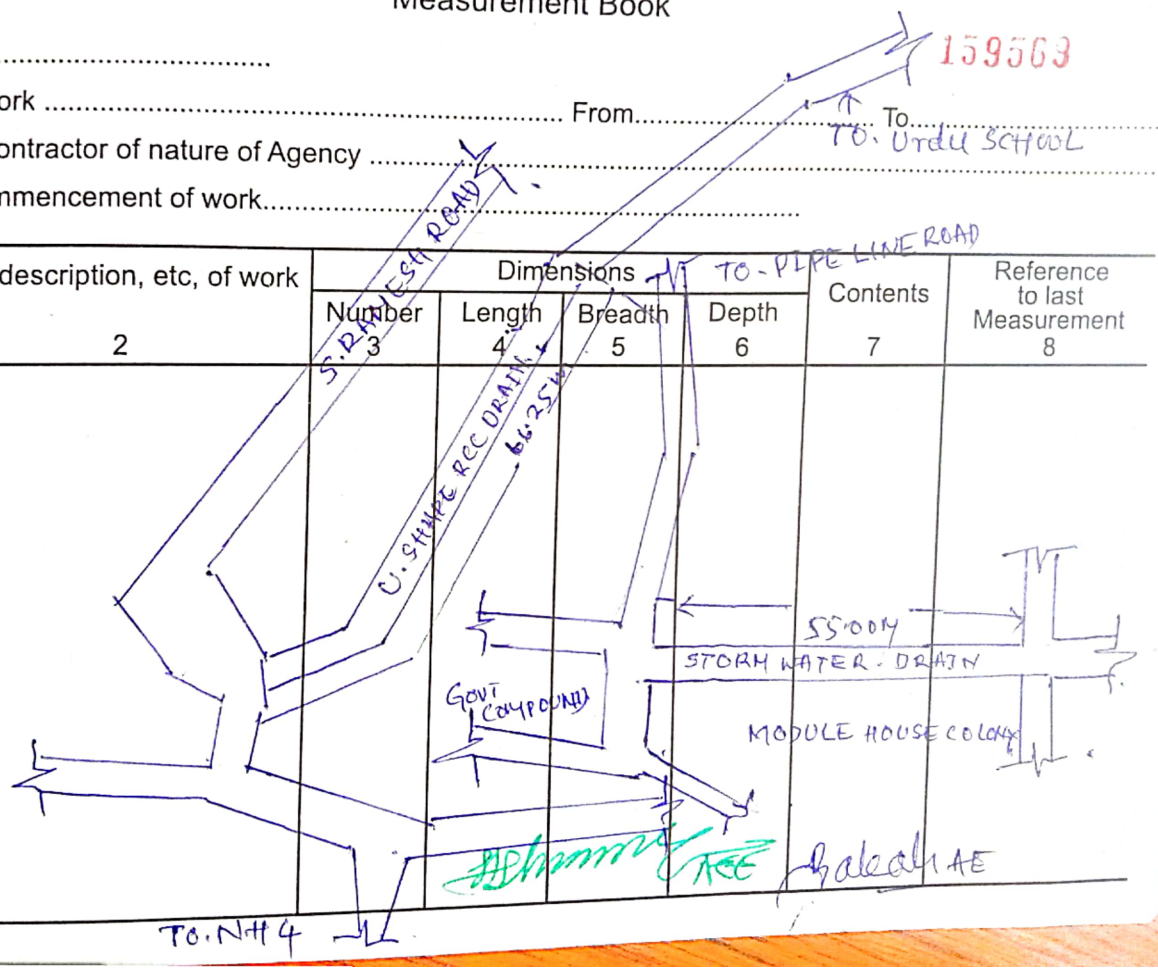
Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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MEASUREMENT BOOK

Da	description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Present	7659680=00						
IT	68390=00						
CGST	68390=00						
SGST	68390=00						
WWC	68390=00						
CBF	6830=00						
LR	163737=00						
Deductions	444136=00						
Net	7215544=00						

Audited & Admitted for Rs. 6839000=00
Pay by cheque Rs. 6394864=00
By Adjustment Rs. 444136=00

Accts. Suptd.
SWD, BBMP

Exe. Engineer
SWD, BBMP

Present						6839000	=00
IT						68390	=00
CGST						68390	=00
SGST						68390	=00
WWC						68390	=00
CBF						6839	=00
LR						163737	=00
Deductions						444136	=00
Net						6394864	=00

Audited & Admitted for Rs. 7659680=00
Pay by cheque Rs. 7215544=00
By Adjustment Rs. 444136=00

Accts. Suptd.
SWD, BBMP

Exe. Engineer
SWD, BBMP

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